



I-8056 I-8056-G

16-ch Non-isolated DO Module

Features

- 16-channel Non-isolated Output
- Sink-type Digital Output Channels
- 4 kV ESD Protection

Introduction

The I-8056 module offers 16 Non-isolated Digital Output channels. The I-8056 supports sink-type Digital Output. The I-8056 includes 16 LED indicators that can be used to monitor the status of the Digital Output channels. 4 kV ESD protection is provided for the Digital Output channels as standard.

System Specifications

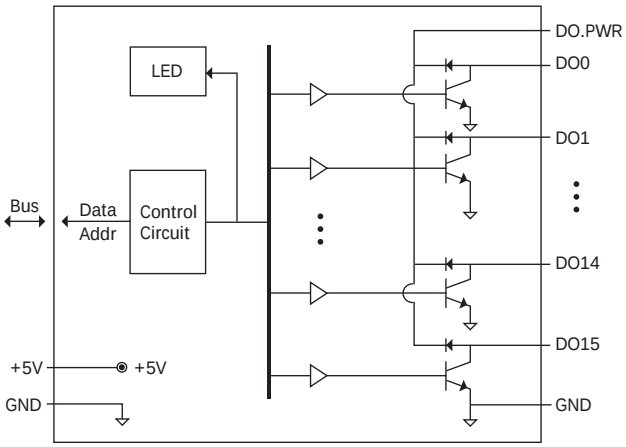
LED Indicators/Display	
System LED Indictors	1 LED as Power Indicator
I/O LED Indicators	16 LEDs as Digital Output Indicators
Isolation	
Intra-module Isolation, Field-to-Logic	-
EMS Protection	
ESD (IEC 61000-4-2)	±4 kV Contact for each Terminal
Power	
Power Consumption	0.9 W max.
Mechanical	
Dimensions (W x L x H)	31 mm x 116 mm x 88 mm
Environment	
Operating Temperature	-25 ~ +75 °C
Storage Temperature	-40 ~ +85 °C
Humidity	10 ~ 90% RH, Non-condensing

I/O Specifications

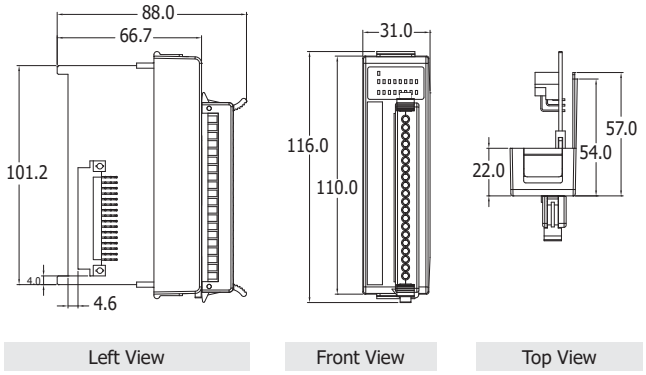
Digital Output	
Channels	16
Type	Non-isolated Open Collector
Sink/Source (NPN/PNP)	Sink
Load Voltage	+5 ~ +30 V_{DC}
Max. Load Current	100 mA/channel

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Internal I/O Structure

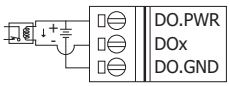
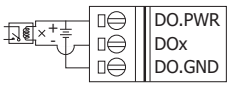
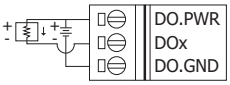
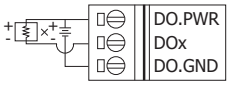


Dimensions (Units: mm)

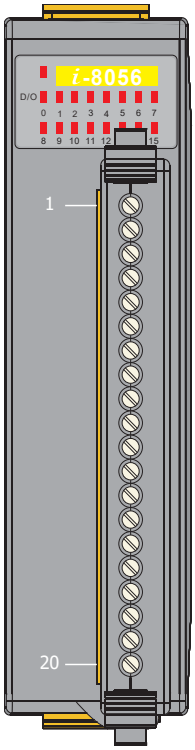


Left View | Front View | Top View

Wire Connections

Input Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
	Relay ON	Relay OFF
Drive Relay		
Resistance Load		

Pin Assignments



Terminal No.	Pin Assignment
01	DO0
02	DO1
03	DO2
04	DO3
05	DO4
06	DO5
07	DO6
08	DO7
09	DO8
10	DO9
11	DO10
12	DO11
13	DO12
14	DO13
15	DO14
16	DO15
17	DO.GND
18	DO.GND
19	DO.PWR
20	DO.PWR

Ordering Information

I-8056 CR	16-ch Non-isolated DO (Sink, NPN, 5 ~ 30 VDC) Module (Blue Cover) (RoHS)
I-8056-G CR	16-ch Non-isolated DO (Sink, NPN, 5 ~ 30 VDC) Module (Gray Cover) (RoHS)

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